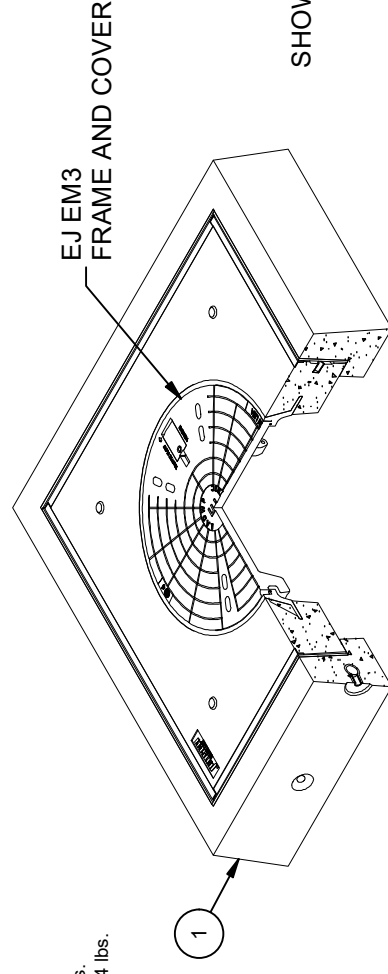


BILL OF MATERIALS

ITEM	QTY	PART NUMBER	DESCRIPTION	MASS (lb)
1	1	200075667	Vault Neck and Plug Cover Assembly 4848x12 30°C LADWP 1-802 G-1B EM3	3245
2	4	100009239	ROD THREADED COIL YELLOW DIP 3/4 X 10-1/2	
3	8	100007010	HEX COIL NUT 3/4-4.5 POST YELLOW DIP	
4	8	100007136	WASHER FLAT 3/4 REGULAR TYPE A ZINC	


EXTENSIONS ARE AVAILABLE IN THE FOLLOWING SIZES:

- A. 100012395 (VN44-R6-12), 6" EXTENSION SECTION WT. 802 lbs.
- B. 100012393 (VN44-R12-12), 12" EXTENSION SECTION WT. 1604 lbs.

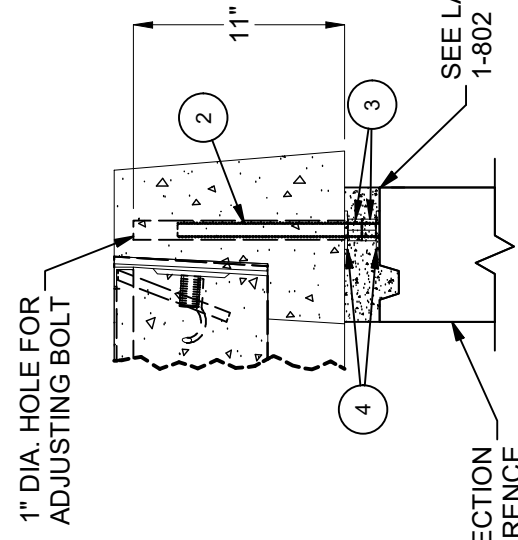


ISO VIEW

<p>NOTES:</p> <ul style="list-style-type: none"> ■ STANDARDS. AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 8TH EDITION, WITH 2022 CALTRANS AMENDMENTS, CITY OF LOS ANGELES BUREAU OF ENGINEERING STANDARD PLAN S-601-3, P178-R8 WHERE APPLICABLE, MANUAL PART H, ASTM C-857. STRUCTURAL CALCS. #33389 & 33389A. ■ MATERIAL. CONCRETE, F_c=5,500 PSI. MIX TO INCLUDE FLY ASH AND DGI. REINFORCEMENT PER ASTM A-706, F_y=60,000. ■ LOADS. VERTICAL LIVE LOAD: AASHTO HL-93, INCLUDING GREATER OF HS-20 TRUCK, TANDEM, OR PERMIT. LIVE LOAD SURCHARGE PER LA BOE PART H, FIGURE H 374.2A. SOIL LATERAL LOADS: 40 PCF (DRY), 81 PCF (SATURATED). SEE VAULT OR MANHOLE DRAWING FOR SOIL BEARING CAPACITY INFORMATION. DESIGN SOIL DENSITY IS 120 PCF. ■ LOADS NOT INCLUDED. DESIGN DOES NOT INCLUDE COOPER E-80 RAILROAD LOADS OR LATERAL OR SURCHARGE LOADS THAT ARE PRODUCED BY FOOTING OR FOUNDATIONS ADJACENT TO THE STRUCTURE. THIS SUBSTRUCTURE SHALL BE KEPT AT LEAST IN A 1:1 RATIO AWAY FROM ALL FOOTINGS AND FOUNDATIONS, UNLESS THE ENGINEER OF RECORD APPROVES IN WRITING. ■ INSTALLATION LIMITS OF CONCRETE EXTENSIONS IS 5'-0" DEEP. ■ EACH CONCRETE SECTION SHALL BE MARKED ON THE INSIDE & OUTSIDE WITH "JENSEN PRECAST", THE DESIGNATION "DWI/FA-CN" AND THE DATE OF THE POUR. ■ "JENSEN", THE YEAR, AND THE DESIGNATION "FA-CN" SHALL BE CAST IN THE TOP OF THE NECK, THE SIDE OF THE COVER, AND ON THE INSIDE OF THE EXTENSIONS. ■ EACH PIECE TO BE STENCILLED WITH ITS PART NO. ■ BROOM FINISH ON COVER MUST HAVE AND MAINTAIN A MINIMUM OF 0.6 SLIP RESISTANCE AND/OR 0.35 SKID RESISTANCE PER S-601-3. ■ EXTENSIONS MAY BE REUSED IF UNDAMAGED. ■ ADDITIONAL SUBMITTAL, PERMIT AND CONSTRUCTION PLAN REVIEW WILL BE REQUIRED FOR EACH PROJECT LOCATION. SUBMIT TO CITY ENGINEER FOR APPROVAL PRIOR TO START OF ANY CONSTRUCTION. ■ ALL INSTALLATIONS SHALL COMPLY WITH ALL OTHER LOCAL GOVERNING CODES AND REGULATIONS INCLUDING CALIFORNIA PUBLIC UTILITIES COMMISSION REGULATIONS. ■ INSTALLATION OF NECK AND EXTENSIONS PER LADWP 1-802.
<p>BURY DEPTH: 0.0' - 0.0' to Top</p>
<p>WATER LEVEL: 3.0'</p>
<p>DESIGN SPEC: AASHTO LRFD</p>
<p>AGENCY: LADWP</p>
<p>APPROX. WEIGHT: 3251.5 Lbs</p>
<p>LOADING SPEC: AASHTO HL-93</p>
<p>AGENCY SPEC: 1-802 G-1B EM3</p>

	
EST. 1968 WWW.JENSENPRECAST.COM	

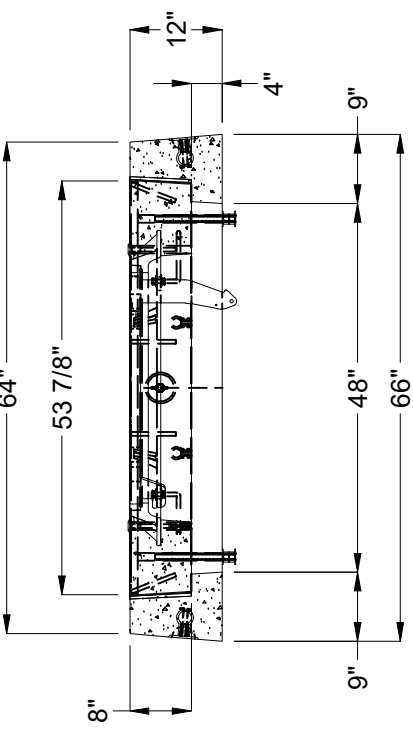
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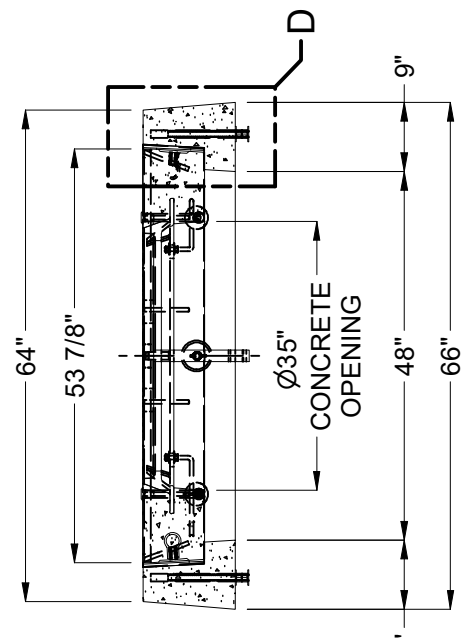
DETAIL D

IF NEEDED TO ADJUST TO FINISH GRADE

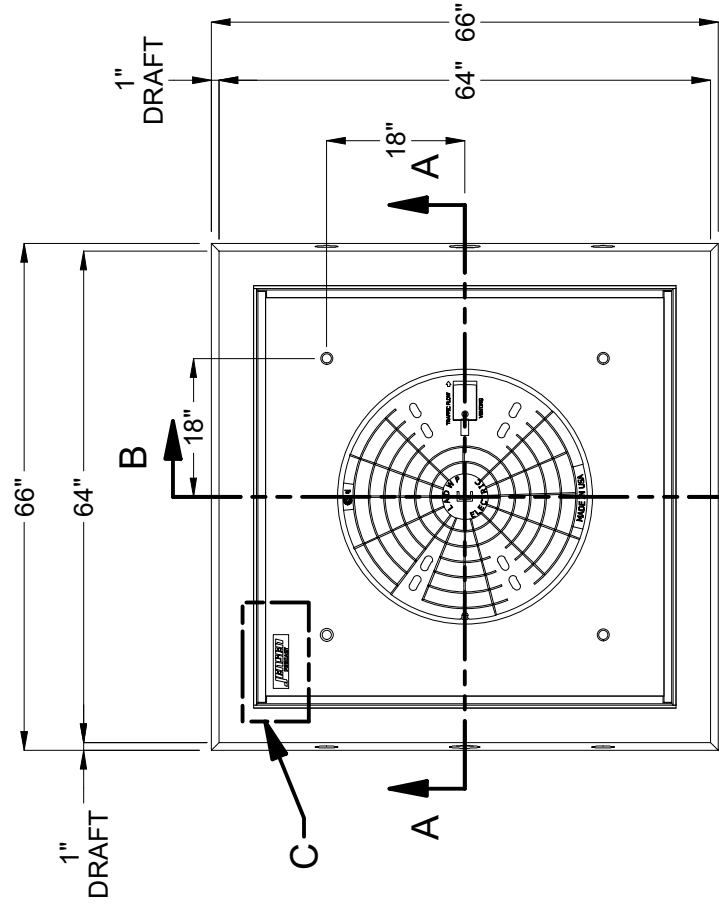
RISER SECTION SHOWN FOR REFERENCE SEE LADWP'S STANDARD 1-802



SECTION A-A

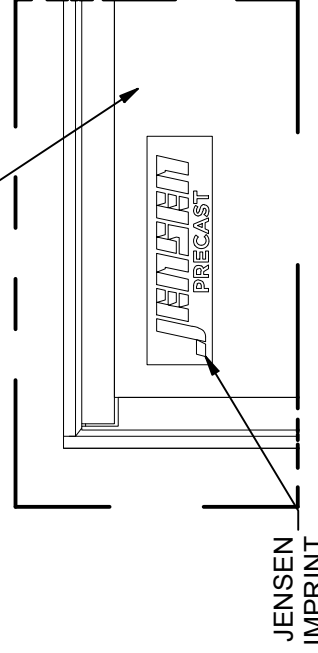


SECTION B-B



PLAN VIEW

CONCRETE TOP SURFACE TO HAVE BROOM FINISH



DETAIL C

REV	DESCRIPTION	DATE	APPROVED
B	REVISED CONCRETE OPENING	11/7/2023	

<p>DESCRIPTION: Vault Neck and Plug Cover Layout 4848x12 30°C LADWP 1-802 G-1B EM3</p>	<p>REVISION HISTORY</p>
<p>PART NUMBER: 200075666</p>	<p>REVISION HISTORY</p>
<p>CREATED: 5/10/2023</p>	<p>DATE: 11/7/2023</p>
<p>LAYOUT REVIEW</p>	<p>APPROVED</p>
<p>DRAWN BY: J. Prado</p>	<p>REV: B-1</p>
<p>MODIFIED: 11/7/2023</p>	<p>SHEET: 23</p>
<p>1 OF 1</p>	<p>1 OF 1</p>